



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ramnarayan *et al.*  
Serial No. 09/709,905

Filed: November 10, 2000

For: USE OF COMPUTATIONALLY  
DERIVED PROTEIN STRUCTURES  
OF GENETIC POLYMORPHISMS IN  
PHARMACOGENOMICS FOR DRUG  
DESIGN AND CLINICAL  
APPLICATIONS

Art Unit: Unassigned

Examiner: Unassigned

I hereby certify that this paper and the attached  
papers are being deposited with the United States  
Postal Service as first class mail in an envelope  
addressed to:

Commissioner for Patents  
Washington, D.C. 20231, on this date.

04/13/01  
Date

Stephanie Seidman

TRANSMITTAL LETTER

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Transmitted herewith is a Preliminary Amendment with a check \$806 for  
filing in connection with the above-identified application.

- ☒ The Commissioner is hereby authorized to charge any fee, including any  
submitted herewith if an attached check(s) is in the wrong amount or  
otherwise improper or missing, that may be due in connection with this and  
the attached papers, or with this application during its entire pendency to or  
to credit any overpayment to Deposit Account No. 50-1213. A duplicate of  
this sheet is enclosed.

Respectfully submitted  
HELLER, EHRMAN, WHITE & McAULIFFE LLP

By:

Stephanie L. Seidman  
Registration No. 33,779

Attorney Docket No.: 24737-1906C  
Address all correspondence to:  
HELLER, EHRMAN, WHITE & McAULIFFE LLP  
4250 Executive Square, 7th Floor  
La Jolla, California 92037-9103  
Telephone: (858) 450-8400  
Facsimile: (858) 587-5360  
EMAIL: sseidman@hewm.com

RECEIVED  
JUN 21 2001  
O.I.P.E./JCWS

#10



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ramnarayan *et al.*  
Serial No. 09/709,905  
Filed: November 10, 2000  
For: USE OF COMPUTATIONALLY  
DERIVED PROTEIN STRUCTURES  
OF GENETIC POLYMORPHISMS IN  
PHARMACOGENOMICS FOR DRUG  
DESIGN AND CLINICAL  
APPLICATIONS  
Art Unit: Unassigned  
Examiner: Unassigned

I hereby certify that this paper and the attached  
papers are being deposited with the United States  
Postal Service as first class mail in an envelope  
addressed to:  
Commissioner for Patents  
Washington, D.C. 20231, on this date.

04/13/01  
Date Stephanie Seidman

#10/c  
Plunkett  
4/27/02

PRELIMINARY AMENDMENT

Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Preliminary to the examination of the above-captioned application, please  
amend the application as follows:

IN THE CLAIMS:

Please add claims 67-93 follows:

Rule 1.126  
C1 67

(New) A method for predicting clinical responses in subjects based  
on a genetic polymorphism, comprising:

comparing a three-dimensional (3-D) model of a structure of a protein  
from a biological sample from a subject to 3-D structures contained in a  
database;

identifying a structure in the database that is similar to the model of a  
protein from the subject; and

predicting a clinical outcome for the subject based on the clinical data  
associated with the identified structures.

69 68. (New) The method of claim 67, wherein:

the clinical outcome is the efficacy of a treatment; and

05/21/2001 CCHRU1 00000145 09709905  
01 FC:102 320.00 OP  
02 FC:103 486.00 OP